

What is claimed is:

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1. ~~A display apparatus for displaying images based on signals received from a host, comprising:~~
- 5 ~~determining means for determining an interface type of said host;~~
- ~~a plurality of storage means each storing specification information relating to display for one of interface types to be connected; and~~
- 10 ~~output means for outputting, from said storage means to said host, the specification information corresponding to the interface type determined by said determining means.~~
2. A display apparatus as defined in claim 1, wherein said
- 15 determining means is arranged to determine the interface type based on a voltage value of a particular DC power line among signal lines from said host.
3. A display apparatus as defined in claim 2, wherein said
- 20 output means comprises a multiplexer for selectively switching the connection to one of said plurality of storage means in response to said voltage value of said DC power line.
4. A display apparatus as defined in claim 1, wherein said
- 25 determining means is arranged to discriminate between the

DVI-I (Digital Visual Interface Integrated) interface and the VGA (Video Graphics Adapter) interface.

5 5. A display apparatus as defined in claim 1, wherein said plurality of storage means comprise two storage means, one for the DVI-I interface, and the other for the VGA interface, said storage means for the DVI-I interface being powered by said host only when the interface type is the DVI-I interface.

10 6. A display apparatus as defined in claim 5, further comprising a peak hold circuit for generating a DC voltage based on synchronizing signals received from said host, said DC voltage generated by said peak hold circuit being supplied only to said storage means for the VGA interface and to said
15 multiplexer.

7. A display apparatus as defined in claim 6, further comprising a backflow preventing diode disposed between said peak hold circuit and said storage means for the DVI-I
20 interface for blocking a DC current flowing from said peak hold circuit.

8. A display apparatus as defined in claim 4, wherein said display apparatus is connected to said host through a VGA to
25 DVI-I conversion cable having, at its DVI-I end, a 5V line for

DDC (Display Data Channel) which is opened or grounded.

9. A display apparatus as defined in claim 1, wherein said
specification information is EDID (Extended Display Identifi-
5 cation Data) necessary for the Plug-and-Play function.

10. A display apparatus as defined in claim 2, wherein said
specification information is EDID necessary for the Plug-and-
Play function.